

SWRCB Order 2002-13

Water Transfer from IID to the
SDCWA

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Topics of Discussion

- SWRCB approval of change in point of diversion, place of use and purpose of use.
- Habitat conservation strategy and mitigation measure implementation.
- Post-approval modifications to mitigation measures.

SWRCB Process

- In 1998, the Imperial Irrigation District (IID) and the San Diego County Water Authority (SDCWA) jointly petitioned for a long-term transfer of 300,000 AF.
- 200,000 AF to San Diego County Water Authority
- 100,000 to Coachella Valley Water District.

SWRCB Process

- The State Water Resources Control Board held 15 days of hearing during the summer of 2002, receiving over 200 exhibits from 15 parties.
- December 2002, change petition granted (pursuant to certain conditions) by the SWRCB in Water Right Order 2002-13.
- Hearing record can be found at: www.waterrights.ca.gov

Transfer Approval Summary

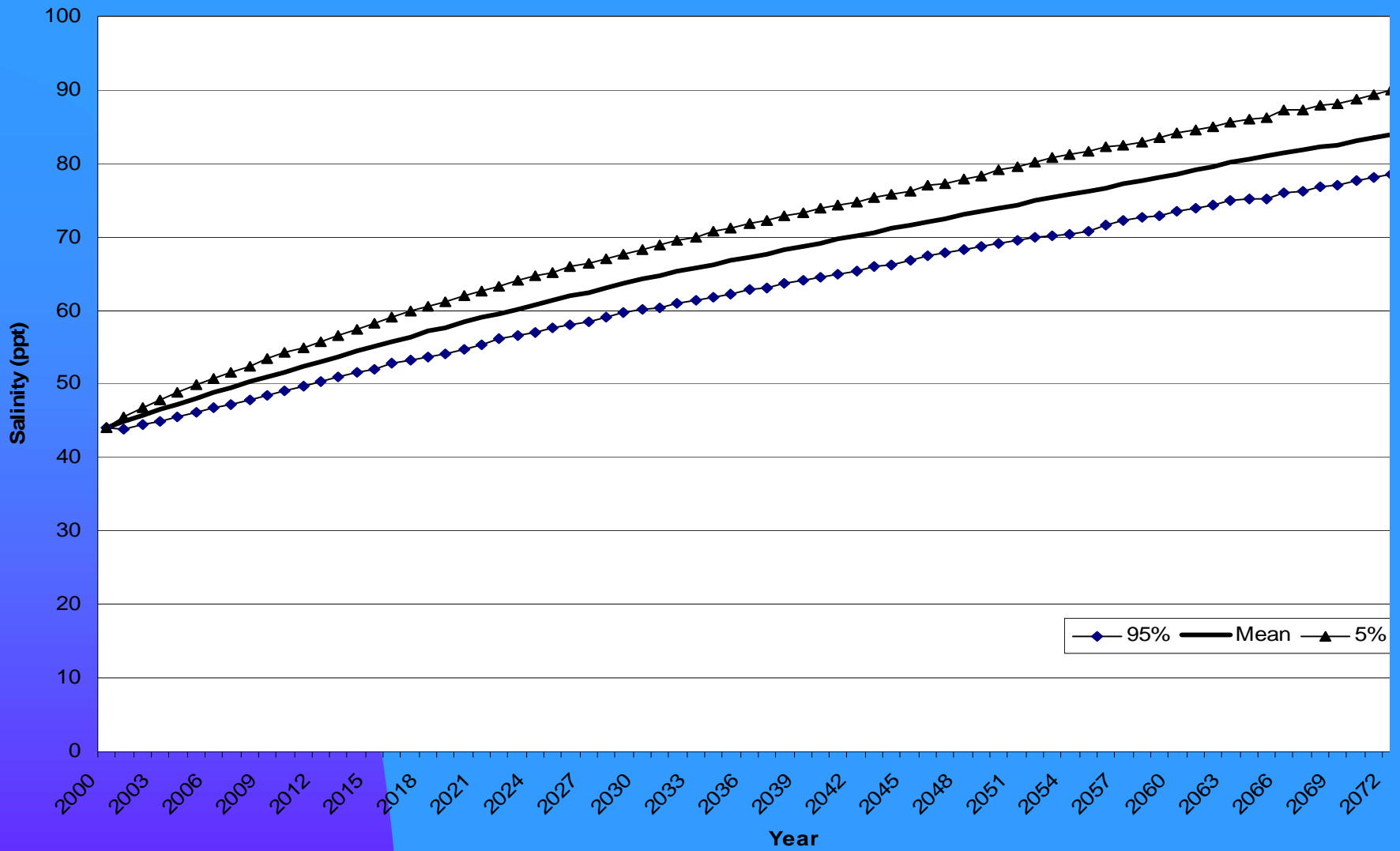
- Change in purpose of use, place of use and point of diversion for IID's Permit No. 7643 was approved for 75 years.
- Approval was effective when the Quantification Settlement Agreement was signed and IID issued a Notice of Determination pursuant to the California Environmental Quality Act.
- Approval conditioned on several mitigation measures.
- Quantities of water conserved and transferred are confirmed by the SWRCB through annual reporting.

Issues Considered

- The SWRCB heard testimony on the following issues:
 - ◆ Fish and wildlife in the Colorado River, Imperial Valley, and San Diego.
 - ◆ Socio-economic impacts due to fallowing.
 - ◆ Legal injury to the Colorado River Indian tribes.
 - ◆ Air quality impacts to the Imperial and Coachella Valleys.

Critical issues considered

- The SWRCB considered several critical issues related to the Sea.
 - ◆ 60 part per thousand salinity threshold.
 - ◆ Elevation change and its effect on shoreline habitat.
 - ◆ Reduced tailwater and its effect on water quality in the drains.



Salton Sea Salinity Projections,
Baseline Conditions

Mitigation Measures Ordered by the SWRCB

- Order 2002-13 directs IID to carry out the following habitat conservation strategies (HCS) and mitigation measures for the significant impacts associated with the transfer:
 - ◆ Salton Sea HCS
 - ◆ Air Quality Mitigation and Monitoring Plan
 - ◆ Razorback Sucker HCS
 - ◆ Tamarisk Scrub HCS
 - ◆ Drain Habitat HCS
 - ◆ Desert Pupfish HCS

Habitat conservation strategies

- Habitat conservation strategies (HCS) ordered by the SWRCB are adapted from the final Environmental Impact Report/ Environmental Impact Statement, as certified by IID. (Available at www.waterrights.ca.gov)

Air Quality Mitigation

- Four step mitigation plan identified in the Final EIR/EIS
 - ◆ Restrict access
 - ◆ Research and monitoring
 - ◆ Purchase offsetting emission reduction credits
 - ◆ Direct emission reductions

Salton Sea HCS as modified by Order 2002-13

- ◆ At a minimum, IID shall meet the mean modeled future baseline salinity trajectory of the Salton Sea for 15 years.
- ◆ IID could cease discharging mitigation water if a restoration plan for the Sea was implemented.
- ◆ IID continues to implement the Salton Sea HCS even if the tilapia fishery collapses before the end of the 15 year term.

Petition to modify Order 2002-13

- Order 2002-13 allows IID to petition the Chief of the Division of Water Rights to modify any mitigation measure if the alternate mitigation is found to be equally protective or more protective of the species of concern.

IID Petition to the Chief of the Division of Water Rights.

- October 23, 2003, IID petitioned the Chief of the Division of Water Rights to modify Conditions 5 and 6 of Order 2002-13.
- IID proposed an alternate mitigation strategy to replace the modified Salton Sea HCS found in Order 2002-13.

Alternate Mitigation Strategy

- IID's alternate mitigation strategy proposes to replace all water lost to the Salton Sea due to export from the basin, with a like amount of water generated by the fallowing of land, for a 15 year period.
- IID would confirm compliance by reporting quantities of water transferred to various entities and quantity of water sent to the Sea.

Revised QSA Delivery Schedule by Conservation Method

Agmt Yr.	Cal Yr.	IID/SD (KAF)	IID/CVWD (KAF) ¹	IID/MWD (KAF)	Total Delivery (KAF)	Total Efficiency (KAF)	Fallowing for Delivery (KAF)	Mitigation Fallowing (KAF)	Total Fallowing (KAF)
1	2003	10	0	0	10	0	10	5	15
2	2004	20	0	0	20	0	20	10	30
3	2005	30	0	0	30	0	30	15	45
4	2006 ²	40	0	0	40	0	40	20	60
5	2007	50	0	0	50	0	50	25	75
6	2008	50	4	0	54	4	50	25	75
7	2009 ²	60	8	0	68	8	60	30	90
8	2010	70	12	0	82	12	70	35	105
9	2011	80	16	0	96	16	80	40	120
10	2012 ²	90	21	0	111	21	90	45	135
11	2013	100	26	0	126	46	80	70	150
12	2014	100	31	0	131	71	60	90	150
13	2015	100	36	0	136	96	40	110	150
14	2016	100	41	0	141	121	20	130	150
15	2017	100	45	0	145	145	0	150	150

Alternate Mitigation Strategy

- Salinity of the Sea reaches 60 parts per thousand (ppt) at approximately the same time under the alternate mitigation strategy as under the strategy set forth in Order 2002-13.
- The Chief of the Division of Water Rights approved the alternate mitigation strategy in January of 2004.

Progress of Mitigation

- The QSA was approved late in 2003 not allowing time for mitigation water under the alternate mitigation strategy in 2003.
- 5,000 acre-feet of 2003 mitigation water will “roll over” to 2004, in addition to the 10,000 acre-feet scheduled for 2004.
- All other habitat conservation strategies and mitigation measures remain in effect as approved by Order 2003-13 and are being studied or implemented by IID.